

FIG. 1

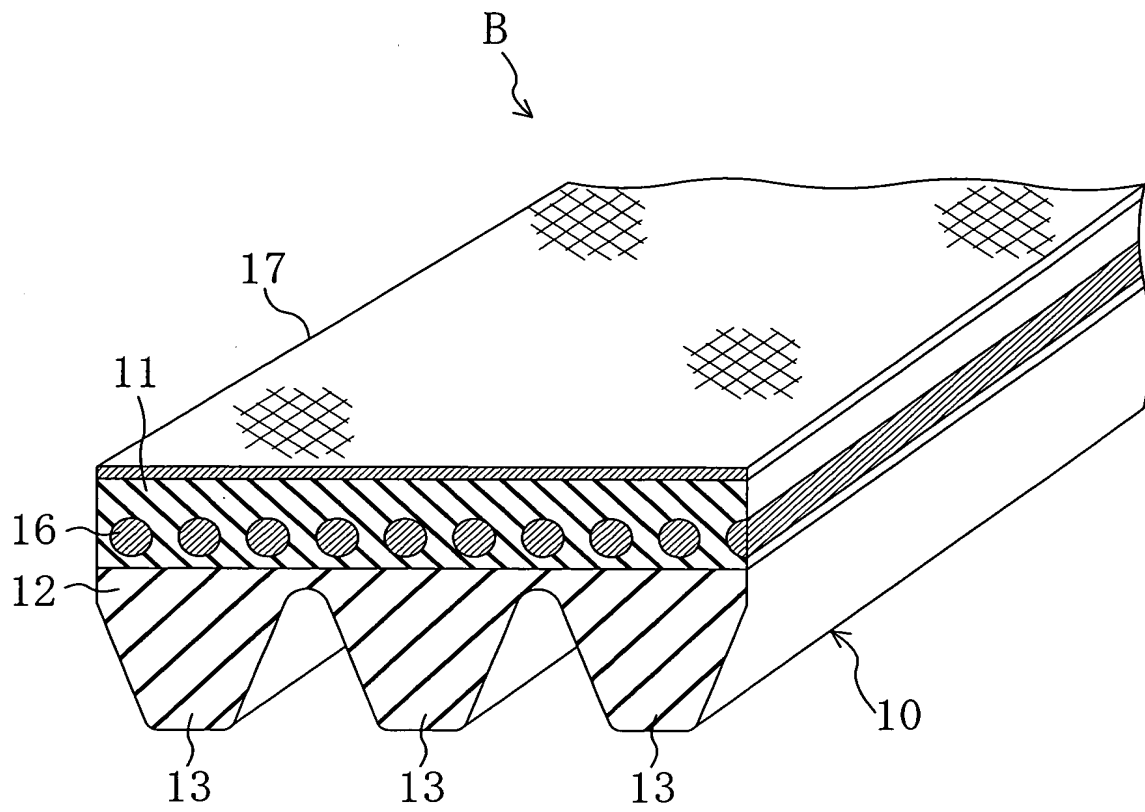


FIG. 2A

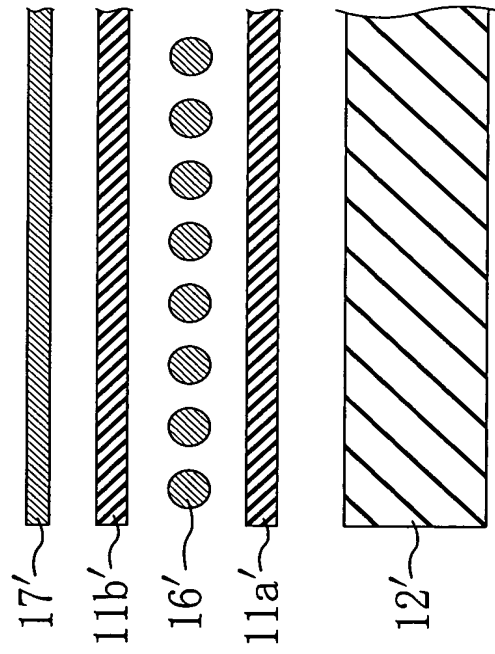


FIG. 2B

B

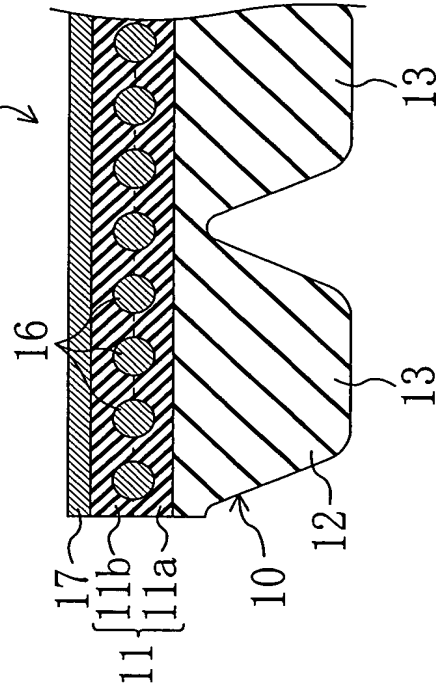


FIG. 3

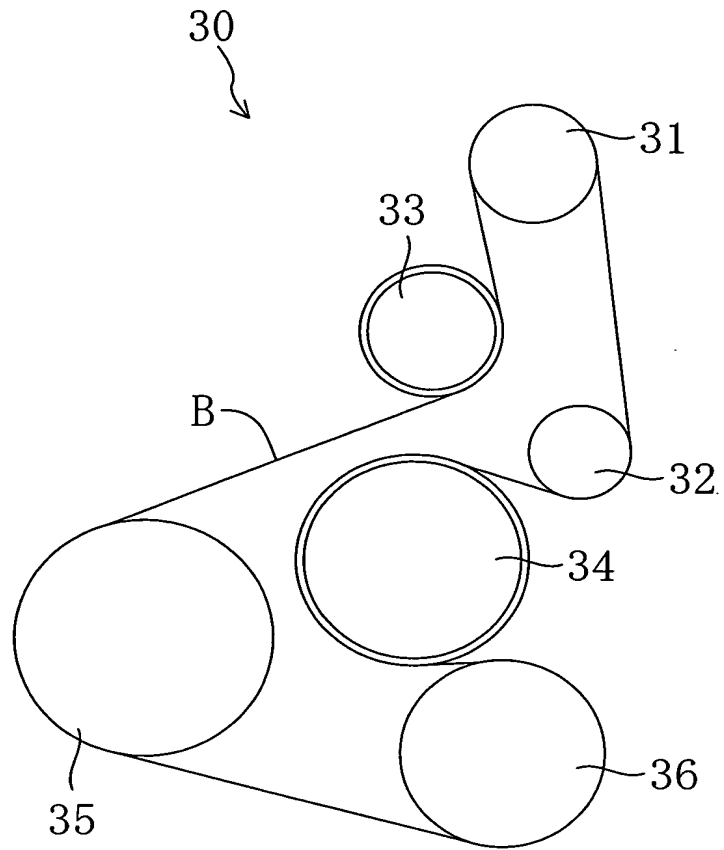


FIG. 4

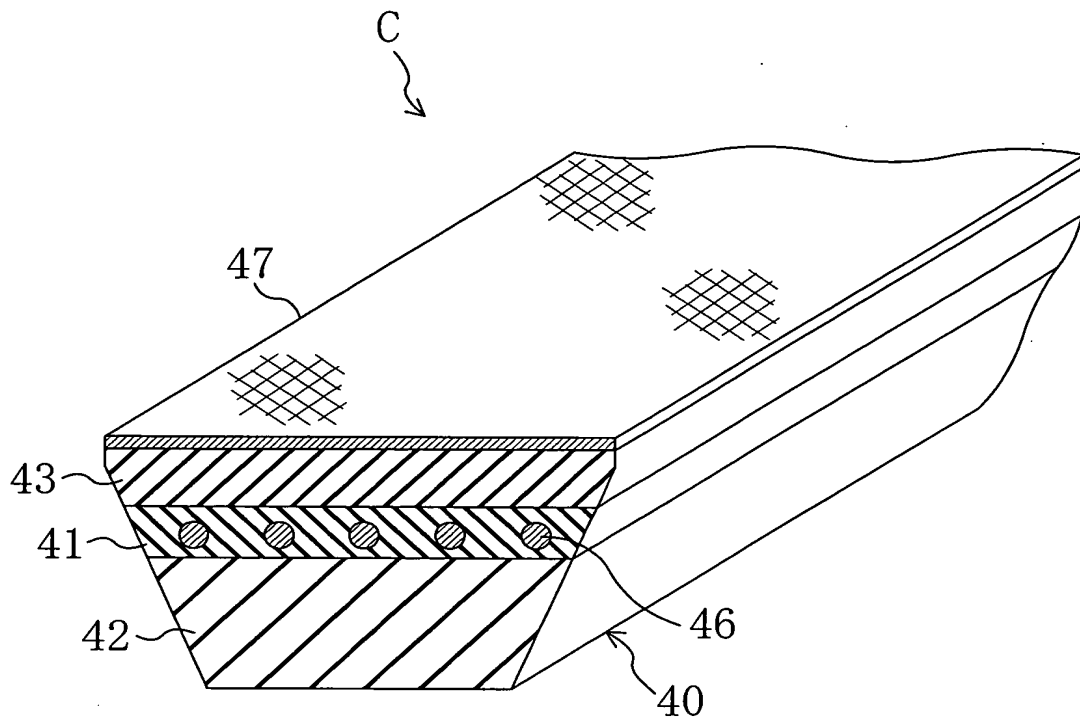


FIG. 5

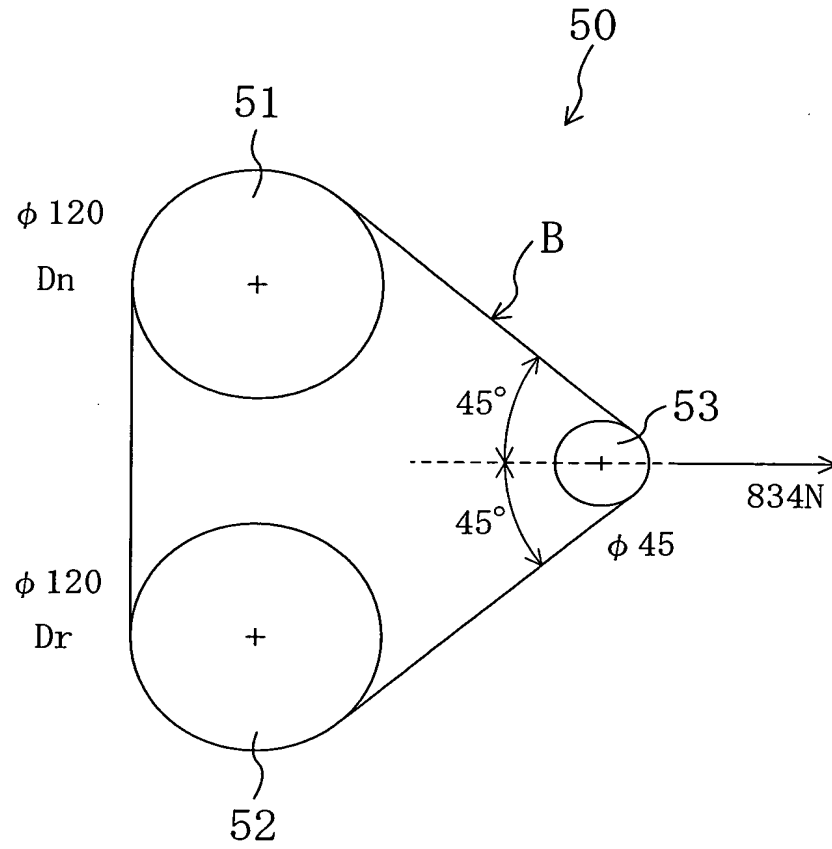


FIG. 6A

		Ex. 1	Ex. 2	Ex. 3	Ex. 4	Ex. 5	Ex. 6
EPDM (1) ethylene content: 58%		100					100
EPDM (2) ethylene content: 60%			100	100	100	100	
EPDM (3) ethylene content: 69%							
EPDM (4) ethylene content: 74%							
EPDM (5) ethylene content: 75%							
CR							
Carbon black	HAF	40	40	40	40	40	40
	FEF	35	35	40	60	100	60
Softener		14	14	14	14	14	14
Plasticizer							
Stearic acid		1	1	1	1	1	1
Zinc oxide		5	5	5	5	5	5
Antioxidant		3	3	3	3	3	3
Organic peroxide							
MgO							
Vulcanization accelerator		4	4	4	4	4	4
Sulphur		1.5	1.5	1.5	1.5	1.5	1.5
Short fibers		25					
Rubber hardness		85	78	80	89	95	87
Sound pressure (dB)		68	91	72	70	68	67
Belt flex life (hours)		≥1000	≥1000	≥1000	905	362	≥1000
Abrasion loss (cm ³)		1.1	2.5	1.5	1.5	1.4	1.1

FIG. 6B

		Ex. 7	Ex. 8	Ex. 9	Ex.10	Ex.11
EPDM (1) ethylene content: 58%						
EPDM (2) ethylene content: 60%						
EPDM (3) ethylene content: 69%		100			100	
EPDM (4) ethylene content: 74%			100			
EPDM (5) ethylene content: 75%				100		
CR						100
Carbon black	HAF	40	40	40	40	40
	FEF	60	60	60	60	60
Softener		14	14	14	14	
Plasticizer						5
Stearic acid		1	1	1	1	1
Zinc oxide		5	5	5	5	5
Antioxidant		3	3	3	3	3
Organic peroxide					2.5	
MgO						4
Vulcanization accelerator		4	4	4		
Sulphur		1.5	1.5	1.5		
Short fibers						
Rubber hardness		89	91	95	89	80
Sound pressure (dB)		65	63	63	62	87
Belt flex life (hours)		≥1000	≥1000	490	≥1000	520
Abrasion loss (cm ³)		1.1	1.0	0.9	0.9	2.3